

*Bylaw 9 SRA Presentation*

# Engineers Without Borders



**ENGINEERS  
WITHOUT  
BORDERS**  
MCMASTER CHAPTER

2024

# ~ Co-Presidents ~

Elizabeth  
Yorke



Electrical Eng &  
Socty (III)

Gopal  
Uppalapati



Automotive  
Engineering (IV)

# ~ What is EWB? ~

- Non-Profit Organization
- Community-driven collaboration
- Systemic change
- Leverage engineering and technology
- Equitable and sustainable future



# ~ Our Chapter ~

- Create and empower well-rounded leaders
- Networking Opportunities
- Community Involvement
- Educational Events
- Connecting technology with society
- Developing soft skills

**Holistic  
Awareness**

**Dream Big and  
Work Hard**

**Advocacy**

**Invest in  
People**

**Address Root  
Causes for  
Impact**

**Ask Tough  
Questions**

# Co-Presidents

## VP Finance

- Sponsorship Directors(2)
- Fundraising Directors (1)

## VP Media

- Graphic Designers(2)
- Social Media Directors (2)

## VP Operations

- GEC Directors (2)
- Comms Director (1)

- First Year Synergy Directors (2)
- Upper Year Synergy Director (1)

- General Members

**Total: 34+**





# ~ 23/24 Budget Allocations~

Bylaw 9 Group Budget Template 2022-2023 Year				
Full Club Name		Engineers Without Borders		
Prepared By		Mahirah Rahman & Sunehra Mehrun		
Date Prepared		September 5 2023		
Contact Email Address		<a href="mailto:mac@ewb.ca">mac@ewb.ca</a>		
Contact Phone Number		4163581340		
<b>Total Cash Available for the Year</b>				
Carryover				
1	Beginning Balance (As of May 1, 2022)	\$		16,169.26
2	Outstanding Costs from Previous Year			
<b>Revenues</b>				
<b>Revenues: Non-Events</b>		<b>Projected</b>	<b>Actual</b>	<b>Comments</b>
<b>Revenues: Events</b>				
	Project 1: Fundraiser	\$	200.00	
	Project 2: Other	\$	200.00	
3	<b>Total Revenues</b>	\$	400.00	
4	<b>Total Cash Available for the Year (1-2+3)</b>	\$	16,569.26	

# ~ 23/24 Budget Allocations~

Expenses: General			
Advertisement	\$	200.00	\$ -
Office	\$	200.00	\$ 136.42
Locker Fees	\$	50.00	\$ -
Presidential Funds	\$	200.00	\$ 900.00
Administrative	\$	50.00	\$ 117.25

## Expenses: Projects & Events

### Welcome Week/Club Fair/Club Preview

Merchandise	\$	350.00	\$ -
Candy	\$	100.00	\$ -

### EWB101

Pizza	\$	75.00	\$ -
Merch	\$	100.00	\$ -

### Team Building

Activity	\$	300.00	\$ 580.00
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Sustainability Case Competition			
Food	\$	1,000.00	\$ 358.67
Misc.	\$	500.00	\$ 18.98
Promotion			
Swag + Prizes	\$	1,000.00	\$ 458.19

### Plant Drive

Plants	\$	400.00	\$ 340.00
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### Global Engineering Conference

Food	\$	1,500.00	\$ 1,570.00
Misc.	\$	500.00	\$ 1,615.59
Promotion	\$	400.00	\$ 22.88
Swag + Prizes	\$	2,000.00	\$ 1,988.64

### Africa Innovation Fellowship

Fellowship funding	\$	12,000.00	\$ 12,500.00
<b>Total Expenses</b>	<b>\$</b>	<b>20,925.00</b>	<b>\$ 20,606.62</b>

<b>Total Expenses</b>	<b>\$</b>	<b>20,925.00</b>	<b>\$</b>	<b>20,606.62</b>
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<b>Ending Balance</b>				
<b>Ending Balance (4-5)</b>	<b>-\$</b>	<b>4,355.74</b>	<b>-\$</b>	<b>4,037.36</b>



# ~ Tentative Events ~

- Community Volunteering
  - Community Clean-Ups (April)
  - Empowerment Squared (Winter Term)
  - Food Drive\* (December)
  - Ronald McDonald House
- Case Competition\* (March)
- Sustainable Scavenger Hunt\* (Winter Term)
- Speaking/Educational Events\*
  - Advocacy
  - Global Issues\*
- Collaborations with other clubs



\* Currently in the works

# ~ The Global Engineering Conference ~ (GEC)

Collaborate with a local non-profit organization/charity.

Inform students about problems faced daily beyond campus walls.

Students will create demo solutions and present them to our judges for prizes.

- Cross-chapter collaboration
- Guest speakers w/ the opportunity for networking
- Community Outreach
- Human-Centered Design
- Holistic Thinking



# ~ The Future of EWB ~

Unfortunately, EWB National Office has decided to put CAIF (Canada-Africa Innovation Fellowship) on hold due to restructuring.

There is no solidified back-up plan right now, but they are talking about introducing a new initiative.

- Walk/Run for Charity
  - Off-campus event
  - Pledge a specific amount per student participating
- Case Competitions
  - Networking
  - Innovation
  - Community engagement
- Field Trips to local organizations
  - Sustainable & Preventative Engineering
  - Networking/Co-op introductions
  - Think ENGSOCTY 3Z03





# Progress and Achievements





# ~ CAIF Spotlight ~

- 3 month fellowship working on an innovation in Uganda!
- 2 unique innovations:
  - Motorcycle ploughs to speed up ploughing processes
  - Solar powered backpack for grape farmers
- Worked alongside with Canadian and Ugandan university students
- Resided in homestays in Nyamatojo village and Bukedea Village





**Thank you!**



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# ~ CAIF Spotlight Pt. 2 ~

- 13 week Fellowship in Uganda
- Stayed in village of Bukedea in Eastern Uganda with a homestay family for 8 weeks
- Partnered with Ugandan and Canadian Engineering students to create social ventures
- Created a prototype motorcycle plough attachment to speed up ploughing processes for low income farmers

